


US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214																																																	
Kalamazoo River/Enbridge Spill		07/10/2012		1700																																																			
4. Unit Name/Designators		5. Unit Leader			6. Operational Period :																																																		
Operations Unit/Containment Branch Monitoring Group		Name:		Dan Capone & Joe Victory (START/US EPA)		From:	07/10/2012 0600																																																
		Position:		Operations Section Chief		To:	07/10/2012 1630																																																
7. Personnel Roster Assigned																																																							
Name		ICS Position			DUTY CELL																																																		
Dan Capone		Operations Section Chief																																																					
Joe Victory		Operations Section Chief																																																					
Rex Johnson		Deputy Director																																																					
Dan Zahner		Field Team Lead																																																					
Karen Berez		CBM Team 1																																																					
8. Activity Log																																																							
Activity Area					LAT Various (DD.MMMM)	LAT Various (DD.MMMM)																																																	
<u>OIL OBSERVED</u>		<u>EXTENT OF OIL IMPACTED AREA</u>																																																					
		<u>DENSITY OF OIL /SHEEN</u>																																																					
Total Collection Points																																																							
Total Boom Deployed																																																							
Activity		<p><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></p> <p>Karen Berez and David Pesses conducted (1) Control & Containment Point inspections at shoreline locations at Talmadge Creek. (2) Control & Containment Point inspections at shoreline and overbank locations from Talmadge Creek and Kalamazoo River mile post 0.00 through 40.00. (3) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0725- 1600: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 1 log book, as well as discussed with David Pesses. David Pesses informed Enbridge contractors to make recommended actions. <p><u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u></p> <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> </tr> </thead> <tbody> <tr> <td>MP 2.25 (C 0.0 Launch)</td> <td>82.06</td> <td>75.52</td> <td>3.2</td> </tr> <tr> <td>MP 5.25 (C0.4 Launch)</td> <td>84.86</td> <td>83.91</td> <td>1.3</td> </tr> <tr> <td>MP 10.0 (C3.2 Launch)</td> <td>78.91</td> <td>77.40</td> <td>1.4</td> </tr> <tr> <td>MP 15.0 (C5 Launch)</td> <td>76.38</td> <td>78.10</td> <td>2.6</td> </tr> <tr> <td>MP 18.75 (D2 Launch)</td> <td>76.81</td> <td>74.56</td> <td>0.7</td> </tr> <tr> <td>MP 21.5 (D5)</td> <td>76.04</td> <td>74.31</td> <td>3.6</td> </tr> <tr> <td>MP 27.0 (E0.5 Launch)</td> <td>76.67</td> <td>77.38</td> <td>0.0</td> </tr> <tr> <td>MP 30.0 (E2 Launch)</td> <td>75.92</td> <td>69.92</td> <td>0.0</td> </tr> <tr> <td>MP 35.0 (E3 Launch)</td> <td>74.81</td> <td>67.92</td> <td>0.0</td> </tr> <tr> <td>MP 38.0 (E4 Launch)</td> <td>75.94</td> <td>78.80</td> <td>0.7</td> </tr> <tr> <td>AVERAGE</td> <td>77.84</td> <td>75.78</td> <td></td> </tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)	82.06	75.52	3.2	MP 5.25 (C0.4 Launch)	84.86	83.91	1.3	MP 10.0 (C3.2 Launch)	78.91	77.40	1.4	MP 15.0 (C5 Launch)	76.38	78.10	2.6	MP 18.75 (D2 Launch)	76.81	74.56	0.7	MP 21.5 (D5)	76.04	74.31	3.6	MP 27.0 (E0.5 Launch)	76.67	77.38	0.0	MP 30.0 (E2 Launch)	75.92	69.92	0.0	MP 35.0 (E3 Launch)	74.81	67.92	0.0	MP 38.0 (E4 Launch)	75.94	78.80	0.7	AVERAGE	77.84	75.78	
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WEEKLY/AFTER RAIN EVENT INSPECTION:

Talmadge Creek: (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source:

MP 0.04: Below Source (Culvert 1):

MP 0.27: Between Source & Division Road (Culvert 2):

MP 0.50: Division Road (Culvert 3): MP 0.74: Hillbilly Road (Culvert 4):

MP 1.09: 16 Mile Road (Culvert 5):

MP 1.28: 15 ½-Mile Road (Culvert 6):

MP 1.57: B4.5 (Culvert 7):

MP 1.77: Saylor's Property (Culvert 8):

MP 1.99: A Drive North (Culvert 9):

MP 2.02: Talmadge Creek before Confluence:

DAILY CONTAINMENT MONITORING:

Kalamazoo River: Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam): Light amount of random free floating streamers of rainbow and silver oil sheen along with $\frac{1}{16}$ " sized oil globules observed along control point. Sheen sweep boat notified of need for sheen management at location.

MP 8.50 L3 (8.48 LDB):

MP 8.75 R1:

MP 9.00 I2 (8.97I):

MP 10.75 LDB:

MP 11.75 L2 (11.79 LDB):

MP 14.75 RDB: Sediment trap intact and showing no sign of degradation. All can buoys and ball buoys are intact and show no obvious signs of damage.

MP 15.65 (Battle Creek Spillway):

MP 21.50 (Oxbow): Moderate amounts of silver oil sheen streamers and occasional oil globules observed off RDB on river from east of Custer Dr. bridge to upstream end of oxbow. Sheen sweep boat notified of need for sheen management at location.

MP 37.75 (E4): Slight streamers of silver oil sheen and occasional oil globule observed in collection location on control point and along shoreline at collection area. Area of sheen is 4' x 20' = 80 sq. ft.

RIVER REOPENING MILE POSTS:

MP -2.70 to MP 2.25:

MP 2.25 to MP 5.90: MP 5.25 to MP 5.55 LDB: Heavy amounts of free floating streamers of rainbow and silver oil sheen along with $\frac{1}{16}$ " to $\frac{1}{2}$ " sized oil globules observed on river segment. Light amounts of random free floating streamers of rainbow and silver oil sheen along with $\frac{1}{16}$ "- $\frac{1}{4}$ " sized oil globules observed off RDB between former railroad trestle and control point. C0.4 Boat Launch: Very slight streamers of silver oil sheen observed along shoreline at boat launch. Sheen sweep boat notified of need for sheen management at locations. Decaying organic matter collecting at railroad trestle and LDB cove areas has been removed by SWAT and there is no longer a foul pungent odor in the area.

MP 5.90 to MP 9.50:

MP 9.50 to MP 13.75:

MP 13.75 to MP 15.65: MP 15.00: Very random free floating silver oil sheen observed on river segment and flowing out of south mill pond into river channel. One sheen sweep boat in area performing sheen management at the Mill Ponds.

MP 15.65 to MP 18.75:

	<p>MP 18.75 to MP 30.00: MP 30.00 to MP 35.25: MP 35.25 to MP 37.75: MP 37.75 to MP 40.00:</p> <p>Total sheen in control points: 80 sq. ft. Total sheen within containment: 0 sq. ft. Total Sheen: 80 sq. ft.</p> <p><u>Helicopter Fly-Over Pictures:</u></p> <p>CBM 1 had no Situation Photo Log pictures to inspect today.</p>
Health and Safety Issues	None
Comments	<p>MP 36.10 RDB: Sediment trap is intact and showing no sign of degradation.</p> <p>The following Walling Sediment Samplers were inspected and are all intact with no apparent damage: WSS-8, WSS-9, WSS-10, WSS-11, WSS-12, WSS-13, WSS-14, WSS-15, WSS-16, WSS-17, WSS-19 and WSS-20.</p> <p>The following Can Buoys were inspected and are intact with no apparent damage: CB-09, CB-10, CB-13, CB-14, CB-15, CB-16, CB-17, CB-18, CB-19, CB-20, CB-21, CB-24, CB-25, CB-26, CB-27, CB-28, CB-38, CB-39, CB-40, CB-41, CB-42, CB-43, CB-44, CB-45, CB-46, CB-47, CB-48, CB-49</p> <p>The following Ball Buoys were inspected and are intact with no apparent damage: BB-105, BB-106, BB-107, BB-108, BB-111, BB-112, BB-113, BB-114, BB-115, BB-116, BB-117, BB-118, BB-129, BB-130, BB-131, BB-132, BB-133, BB-134, BB-135, BB-136, BB-137, BB-138, BB-139, BB-140, BB-141, BB-144, BB-145, BB-146, BB-147, BB-148, BB-149, BB-150, BB-151, BB-152, BB-153, BB-154, BB-155, BB-156, BB-157, BB-158, BB-159, BB-160, BB-161, BB-162, BB-163, BB-164, BB-165, BB-166, BB-167, BB-168, BB-169, BB-170, BB-171, BB-172, BB-173, BB-174, BB-175, BB-176, BB-177, BB-178, BB-179, BB-180, BB-181, BB-182, BB-183, BB-184,</p>